Region 2

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

08/04/2014

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER:	**NYD980215511**
INSTALLATION NAME:	**HEMPSTEAD RESOURCE RECOVERY FACILITY - COVANTA HEMPSTE**
INSTALLATION ADDRESS :	**600 MERCHANTS CONCOURSE WESTBURY, NY 11590**
MAILING ADDRESS :	**600 MERCHANTS CONCOURSE WESTBURY, NY 11590**

EPA Form 8700-12AB (4-80)

USEPA - REGION 2
RCRA Programs Branch
290 Broadway, 22nd Floor
New York, NY 10007-1866

ATTN: RCRA NOTIFICATIONS
Tel : (212) 637-4106
Fax: (212) 637-4437

TO: HEMPSTEAD RESOURCE RECOVERY FACILITY - COVANTA HEMPSTEAD CO
or Current Occupant

ATTN: SCOTT WHEELER
600 MERCHANTS CONCOURSE
WESTBURY, NY 11590

COVANTA
ENERGY
for a cleaner world

Covanta Hempstead Company
600 Merchants Concourse
Westbury, NY 11590
Tel 516 683 5400

July 10, 2014

USEPA Region 2
CASD – Hazardous Waste Programs Branch
Attn: RCRA Notifications
290 Broadway, 22nd Floor
New York, NY 10007-1866

Re: Subsequent Notification, Form 8700-12
Hempstead Resource Recovery Facility
EPA ID Number NYD980215511

Dear Sirs:

On behalf of Covanta Hempstead Company, enclosed please find a revised Form 8700-12 "RCRA Subtitle C Site Identification Form" for the Hempstead Resource Recovery Facility, located in Westbury, NY. This form is being submitted to notify EPA that Covanta Hempstead will be accepting off-specification used oil for energy recovery.

If you have any questions or require additional information, please feel free to contact me at (516) 683-5438 or swheeler@covanta.com. We have a customer ready to ship material to us, so I would appreciate verbal or e-mail confirmation of receipt of the form as soon as possible.

Thank you for your assistance.

Sincerely,

Scott M. Wheeler
Environmental Engineer

OMB# 2050-0024; Expires 12/31/2014

SEND COMPLETED FORM TO: The Appropriate State or Regional Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**

ENVIRONMENTAL PROTECTION AGENCY, REGION II
2014 JUL 21 A 11:12
RCRA PROGRAMS BRANCH

1. Reason for Submittal (MARK ALL BOX(ES) THAT APPLY)

Reason for Submittal:

- ☐ To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)
- ☑ To provide a Subsequent Notification (to update site identification information for this location)
- ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application
- ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____)
- ☐ As a component of the Hazardous Waste Report (If marked, see sub-bullet below)
  - ☐ Site was a TSD facility and/or generator of ≥1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)

(update)

2. Site EPA ID Number

EPA ID Number N Y D 9 8 0 2 1 5 5 1 1

3. Site Name

Name: Hempstead Resource Recovery Facility (Covanta Hempstead Company)

4. Site Location Information

Street Address: 600 Merchants Concourse

City, Town, or Village: Westbury | **County:** Nassau

State: NY | **Country:** USA | **Zip Code:** 11590

5. Site Land Type

☐ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☑ Municipal ☐ State ☐ Other

6. NAICS Code(s) for the Site (at least 5-digit codes)

A. 5 6 2 2 1 3 | C.

B. 2 2 1 1 1 9 | D.

7. Site Mailing Address

Street or P.O. Box: SAME

City, Town, or Village:

State: | **Country:** | **Zip Code:**

8. Site Contact Person

First Name: Scott | **MI:** M | **Last:** Wheeler

Title: Regional Environmental Engineer

Street or P.O. Box: SAME

City, Town or Village:

State: | **Country:** | **Zip Code:**

Email: swheeler@covanta.com

Phone: 516-683-5438 | **Ext.:** | **Fax:** 516-683-1413

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner: Covanta Hempstead Company | **Date Became Owner:** ~~1985~~ 12/1/1985

Owner Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street or P.O. Box: SAME

City, Town, or Village: | **Phone:**

State: | **Country:** | **Zip Code:**

B. Name of Site's Operator: Covanta Hempstead Company | **Date Became Operator:** ~~1985~~ 12/1/1985

Operator Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Rec 7/22/14. Called & emailed 7/22/14 MC Wheeler provided ownership/operator date - used all 9/5.

10. Type of Regulated Waste Activity (at your site)
Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities; Complete all parts 1-10.

Y [X] N [ ] **1. Generator of Hazardous Waste**
If "Yes", mark only one of the following – a, b, or c.

- [ ] a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; **or** Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; **or** Generates, in any calendar month, **or** accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.
- [ ] b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs./mo) of non-acute hazardous waste.
- [X] c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste.

If "Yes" above, indicate other generator activities in 2-4.

Y [ ] N [✓] **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.

Y [ ] N [✓] **3. United States Importer of Hazardous Waste**

Y [ ] N [✓] **4. Mixed Waste (hazardous and radioactive) Generator**

Y [ ] N [✓] **5. Transporter of Hazardous Waste**
If "Yes", mark all that apply.

- [ ] a. Transporter
- [ ] b. Transfer Facility (at your site)

Y [ ] N [✓] **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.

Y [ ] N [✓] **7. Recycler of Hazardous Waste**

Y [ ] N [✓] **8. Exempt Boiler and/or Industrial Furnace**
If "Yes", mark all that apply.

- [ ] a. Small Quantity On-site Burner Exemption
- [ ] b. Smelting, Melting, and Refining Furnace Exemption

Y [ ] N [✓] **9. Underground Injection Control**

Y [ ] N [✓] **10. Receives Hazardous Waste from Off-site**

B. Universal Waste Activities; Complete all parts 1-2.

Y [ ] N [✓] **1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.**

- a. Batteries [ ]
- b. Pesticides [ ]
- c. Mercury containing equipment [ ]
- d. Lamps [ ]
- e. Other (specify) _____ [ ]
- f. Other (specify) _____ [ ]
- g. Other (specify) _____ [ ]

Y [ ] N [✓] **2. Destination Facility for Universal Waste**
Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities; Complete all parts 1-4.

Y [ ] N [✓] **1. Used Oil Transporter**
If "Yes", mark all that apply.

- [ ] a. Transporter
- [ ] b. Transfer Facility (at your site)

Y [ ] N [✓] **2. Used Oil Processor and/or Re-refiner**
If "Yes", mark all that apply.

- [ ] a. Processor
- [ ] b. Re-refiner

Y [✓] N [ ] **3. Off-Specification Used Oil Burner**

Y [ ] N [✓] **4. Used Oil Fuel Marketer**
If "Yes", mark all that apply.

- [ ] a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- [ ] b. Marketer Who First Claims the Used Oil Meets the Specifications

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

- ❖ You can **ONLY** Opt into Subpart K if:
  - you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
  - you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y☐ N☑ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories **See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

☐ a. College or University

☐ b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university

☐ c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Y☐ N☑ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

12. Notification of Hazardous Secondary Material (HSM) Activity

Y ☐ N ☑ Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

13. Comments

14. Certification. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
Scott M Wheeler	Scott M Wheeler, Reg Env Engineer	07/10/2014

AMERICAN REF-FUEL®

February 22, 2002

Mr. Ed Dassatti, P.E.
Chief, Bureau of Eastern Hazardous Waste Programs
Division of Hazardous Substances Regulation
NYS Department of Environmental Conservation
625 Broadway
Albany, NY 12233

Re: Hempstead Resource Recovery Facility
Ash Residue Sampling Results

Dear Mr. Dassatti:

On behalf of American Ref-Fuel Company of Hempstead, this letter provides the results of the most recent ash sampling event conducted at the Hempstead Resource Recovery Facility. Enclosed please find the summary report from Alpha Analytical Laboratories containing the results of sampling performed between January 7 and January 13, 2002. Sampling was suspended on January 10, 2002 due to an unscheduled outage on Boiler #1. None of the results of the TCLP testing for lead or cadmium indicated values above the respective detection limits, and therefore, did not exceed any applicable regulatory thresholds for consideration as a hazardous substance. Please refer to the attached summary for the specific test values and the 90% confidence interval calculations for this sampling event.

Should you have any questions, or require any additional information, feel free to contact me at (516) 683-5438.

Sincerely,

Scott M. Wheeler
Environmental Engineer

cc: A. Cava, NYSDEC – Region 1
S. Chetty, NYSDEC - Central Office
I. Islam, NYSDEC – Region 1
G. Meyer, USEPA – Region II
M. Suchan

American Ref-Fuel Company of Hempstead
600 Merchants Concourse • Westbury, NY 11590 • 516/683-5400 • *fax* 516/683-1413

OSHA STAR WORKSITES

Summary of Semi-Annual Ash Sampling

Bold values indicate a level above the detection limit.

SAMPLE DATE	SHIFT	Cadmium	Lead
1/7/02	DAY	0.10	0.50
1/7/02	NIGHT	0.10	0.50
1/8/02	DAY	0.10	0.50
1/8/02	NIGHT	0.10	0.50
1/9/02	NIGHT	0.10	0.50
1/10/02	DAY	0.10	0.50
1/12/02	DAY	0.10	0.50
1/12/02	NIGHT	0.10	0.50
1/13/02	DAY	0.10	0.50
1/13/02	NIGHT	0.10	0.50

Average	0.10	0.50
Limit	1.00	5.00
90% CI	0.10	0.50

The averages and detection limits are based on the actual numbers above, factoring in the non-detects as the full detection limit. All values are in units of parts per million (ppm).

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65 NY:11148

CERTIFICATE OF ANALYSIS

Client: American Ref-Fuel of Hempstead
Address: 600 Merchants Concourse
Westbury, NY 11590
Attn: Mr. Scott Wheeler
Project Number:
Site: HEMPSTEAD ASH

Laboratory Job Number: L0200816
Invoice Number: 60213
Date Received: 24-JAN-02
Date Reported: 20-FEB-02
Delivery Method: Alpha

ALPHA SAMPLE NUMBER	CLIENT IDENTIFICATION	SAMPLE LOCATION
L0200816-01	H010702 AM	WESTBURY, NY
L0200816-02	H010702 PM	WESTBURY, NY
L0200816-03	H010802 AM	WESTBURY, NY
L0200816-04	H010802 PM	WESTBURY, NY
L0200816-05	H010902 PM	WESTBURY, NY
L0200816-06	H011002 AM	WESTBURY, NY
L0200816-07	H011202 AM	WESTBURY, NY
L0200816-08	H011202 PM	WESTBURY, NY
L0200816-09	H011302 AM	WESTBURY, NY
L0200816-10	H011302 PM	WESTBURY, NY
L0200816-11	H0102 COMPOSITE	WESTBURY, NY

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized by: Scott McLean

Scott McLean - Technical Director
This document electronically signed

ALPHA ANALYTICAL LABORATORIES
NARRATIVE REPORT

Laboratory Job Number: L0200816

Alpha Report L0200816:

Total Metals

It should be noted that the matrix spike percent recovery for the analysis of Chromium, Cadmium, Arsenic, Lead, and Mercury associated with Alpha Sample(s) L0200816-11 is invalid because the sample concentration is greater than four times the spike amount added.

It should be noted that the matrix spike percent recovery for the analysis of Barium associated with Alpha Sample(s) L0200816-11 is outside the in-house acceptance criteria for the method. A post analytical spike was performed with an acceptable recovery of Barium at 103%.

It should be noted that the relative percent difference for the laboratory duplicate associated with Alpha Sample(s) L0200816-11 is outside the acceptance criteria required by the method. The elevated RPDs have been attributed to sample matrix.

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-01
H010702 AM
Sample Matrix: SOLID

Date Collected: 07-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	10.6	SU	-					
pH, HCL Fluid Determination	1.66	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	8.89	SU	-					
pH, Extraction 5 Minute	6.16	SU	-					
pH, Extraction Post-Filtration	8.02	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 22:27	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 22:27	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-02
H010702 PM
Sample Matrix: SOLID

Date Collected: 07-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.0	SU	-					
pH, HCL Fluid Determination	1.69	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.18	SU	-					
pH, Extraction 5 Minute	6.07	SU	-					
pH, Extraction Post-Filtration	7.91	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 22:54	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 22:54	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-03
H010802 AM
Sample Matrix: SOLID

Date Collected: 08-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.0	SU	-					
pH, HCL Fluid Determination	1.64	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.27	SU	-					
pH, Extraction 5 Minute	6.46	SU	-					
pH, Extraction Post-Filtration	8.19	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:06	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:06	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-04
H010802 PM
Sample Matrix: SOLID

Date Collected: 08-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	10.7	SU	-					
pH, HCL Fluid Determination	1.76	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.37	SU	-					
pH, Extraction 5 Minute	6.56	SU	-					
pH, Extraction Post-Filtration	8.66	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:12	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:12	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-05
H010902 PM
Sample Matrix: SOLID

Date Collected: 09-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.1	SU	-					
pH, HCL Fluid Determination	1.68	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.41	SU	-					
pH, Extraction 5 Minute	6.26	SU	-					
pH, Extraction Post-Filtration	8.67	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:18	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:18	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-06
H011002 AM
Sample Matrix: SOLID

Condition of Sample: Satisfactory

Number & Type of Containers: 1-Plastic

Date Collected: 10-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.1	SU	-					
pH, HCL Fluid Determination	1.74	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.13	SU	-					
pH, Extraction 5 Minute	6.49	SU	-					
pH, Extraction Post-Filtration	8.64	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:24	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:24	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-07
H011202 AM
Sample Matrix: SOLID

Date Collected: 12-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.3	SU	-					
pH, HCL Fluid Determination	1.81	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.52	SU	-					
pH, Extraction 5 Minute	6.63	SU	-					
pH, Extraction Post-Filtration	8.83	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:30	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:30	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-08
H011202 PM
Sample Matrix: SOLID

Condition of Sample: Satisfactory

Number & Type of Containers: 1-Plastic

Date Collected: 12-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B			0125 12:00 BM
pH, Water Fluid Determination	11.4	SU	-					
pH, HCL Fluid Determination	1.78	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B			0211 15:00 MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.69	SU	-					
pH, Extraction 5 Minute	6.95	SU	-					
pH, Extraction Post-Filtration	8.74	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:36	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:36	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-09
H011302 AM
Sample Matrix: SOLID

Date Collected: 13-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	11.3	SU	-					
pH, HCL Fluid Determination	1.81	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.53	SU	-					
pH, Extraction 5 Minute	6.60	SU	-					
pH, Extraction Post-Filtration	8.77	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:42	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:42	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-10
H011302 PM
Sample Matrix: SOLID

Condition of Sample: Satisfactory

Number & Type of Containers: 1-Plastic

Date Collected: 13-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Field Prep: None

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
TCLP Fluid Determination Data				1	6010B		0125 12:00	BM
pH, Water Fluid Determination	10.7	SU	-					
pH, HCL Fluid Determination	1.74	SU	-					
Fluid Number	1.		-					
TCLP pH Extraction Data				1	6010B		0211 15:00	MM
TCLP Extraction				1	1311	0208 18:00		
pH, Extraction Pre-Filtration	9.01	SU	-					
pH, Extraction 5 Minute	6.30	SU	-					
pH, Extraction Post-Filtration	7.83	SU	-					
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 23:48	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 23:48	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

MA:M-MA-086 NH:200395-B/C CT:PH-0574 ME:MA086 RI:65

Laboratory Sample Number: L0200816-11
H0102 COMPOSITE
Sample Matrix: SOLID

Date Collected: 14-JAN-2002 00:00
Date Received : 24-JAN-2002
Date Reported : 20-FEB-2002

Condition of Sample: Satisfactory

Field Prep: None

Number & Type of Containers: 1-Plastic

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Solids, Total	85.	%	0.10	30	2540G		0131 18:16	AT
Total Metals				1	3051			
Arsenic, Total	25.	mg/kg	2.3	1	6010B	0130 11:32	0131 01:43	RW
Barium, Total	130	mg/kg	2.3	1	6010B	0130 11:32	0131 01:43	RW
Cadmium, Total	90.	mg/kg	2.3	1	6010B	0130 11:32	0131 01:43	RW
Chromium, Total	79.	mg/kg	2.3	1	6010B	0130 11:32	0131 01:43	RW
Lead, Total	2000	mg/kg	12.	1	6010B	0130 11:32	0131 01:43	RW
Mercury, Total	5.2	mg/kg	0.09	1	7471A	0130 12:45	0131 10:04	DM
Selenium, Total	ND	mg/kg	4.7	1	6010B	0130 11:32	0131 01:43	RW
Silver, Total	7.4	mg/kg	2.3	1	6010B	0130 11:32	0131 01:43	RW

Comments: Complete list of References and Glossary of Terms found in Addendum I

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH DUPLICATE ANALYSIS

Laboratory Job Number: L0200816

Parameter	Value 1	Value 2	RPD	Units
Solids, Total for sample(s) 11 (L0200992-01, WG104088)				
Solids, Total	86.	85.	1	%
Total Metals for sample(s) 11 (L0200816-11, WG103906)				
Arsenic, Total	25.	26.	4	mg/kg
Barium, Total	130	130	0	mg/kg
Cadmium, Total	90.	420	129	mg/kg
Chromium, Total	79.	90.	13	mg/kg
Lead, Total	2000	4700	81	mg/kg
Selenium, Total	ND	ND	NC	mg/kg
Silver, Total	7.4	9.3	23	mg/kg
Total Metals for sample(s) 11 (L0200816-11, WG103915)				
Mercury, Total	5.2	4.9	6	mg/kg
TCLP Metals for sample(s) 01-10 (L0200816-01, WG105407)				
Cadmium, TCLP	ND	ND	NC	mg/l
Lead, TCLP	ND	ND	NC	mg/l

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH SPIKE ANALYSES

Laboratory Job Number: L0200816

Parameter	% Recovery
Total Metals LCS for sample(s) 11 (WG103906)	
Arsenic, Total	104
Barium, Total	93
Cadmium, Total	98
Chromium, Total	102
Lead, Total	103
Selenium, Total	106
Silver, Total	109
Total Metals LCS for sample(s) 11 (WG103915)	
Mercury, Total	94
TCLP Metals LCS for sample(s) 01-10 (WG105407)	
Cadmium, TCLP	100
Lead, TCLP	100
Total Metals SPIKE for sample(s) 11 (L0200816-11, WG103906)	
Arsenic, Total	54
Barium, Total	0
Cadmium, Total	0
Chromium, Total	183
Lead, Total	0
Selenium, Total	120
Silver, Total	134
Total Metals SPIKE for sample(s) 11 (L0200816-11, WG103915)	
Mercury, Total	0
TCLP Metals SPIKE for sample(s) 01-10 (L0200816-02, WG105407)	
Cadmium, TCLP	98
Lead, TCLP	100

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE BATCH BLANK ANALYSIS

Laboratory Job Number: L0200816

PARAMETER	RESULT	UNITS	RDL	REF	METHOD	DATE PREP	DATE ANAL	ID
Blank Analysis for sample(s) 11								
Total Metals				1	3051			
Arsenic, Total	ND	mg/kg	0.40	1	6010B	0130 11:32	0131 01:20	RW
Barium, Total	ND	mg/kg	0.40	1	6010B	0130 11:32	0131 01:20	RW
Cadmium, Total	ND	mg/kg	0.40	1	6010B	0130 11:32	0131 01:20	RW
Chromium, Total	ND	mg/kg	0.40	1	6010B	0130 11:32	0131 01:20	RW
Lead, Total	ND	mg/kg	2.0	1	6010B	0130 11:32	0131 01:20	RW
Selenium, Total	ND	mg/kg	0.80	1	6010B	0130 11:32	0131 01:20	RW
Silver, Total	ND	mg/kg	0.40	1	6010B	0130 11:32	0131 01:20	RW
Blank Analysis for sample(s) 11								
Total Metals								
Mercury, Total	ND	mg/kg	0.08	1	7471A	0130 12:45	0131 10:04	DM
Blank Analysis for sample(s) 01-10								
TCLP Metals								
TCLP Extraction				1	1311	0208 18:00		
Cadmium, TCLP	ND	mg/l	0.10	1	6010B	0214 16:00	0215 22:14	RW
Lead, TCLP	ND	mg/l	0.50	1	6010B	0214 16:00	0215 22:14	RW

REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Update III, 1997.

30. Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

GLOSSARY OF TERMS AND SYMBOLS

REF Reference number in which test method may be found.

METHOD Method number by which analysis was performed.

ID Initials of the analyst.

LIMITATION OF LIABILITIES

Alpha Analytical, Inc. performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical, Inc., shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical, Inc. be held liable for any incidental consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical, Inc.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding times and splitting of samples in the field.

attachment 1

Quality Control Acceptance Criteria

Volatile Organics by Method 8260B

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
1,2-Dichloroethane-d_4	75%	125%	75%	125%	
4-Bromofluorobenzene	75%	125%	75%	125%	
Toluene-d_8	75%	125%	75%	125%	
Dibromofluoromethane	75%	125%	75%	125%	
matrix spike / matrix spike duplicate	**percent recovery**				**duplicate and/or MSD**
(MS/MSD) & lab control sample (LCS)	**AQ Limits**		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,1-Dichloroethene	61%	145%	59%	172%	all target compounds
Trichloroethene	71%	120%	62%	137%	20% 30%
Chlorobenzene	75%	130%	60%	133%	
Benzene	76%	127%	66%	142%	
Toluene	76%	125%	59%	139%	

Volatile Organics by Method 8021B

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
4-Bromochlorobenzene	70%	110%	70%	120%	
4-Bromofluorobenzene	70%	110%	70%	120%	
matrix spike / matrix spike duplicate	**percent recovery**				**duplicate and/or MSD**
(MS/MSD) & lab control sample (LCS)	**AQ Limits**		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,1-Dichloroethene	70%	130%	70%	130%	all target compounds
Trichloroethene	70%	130%	70%	130%	20% 30%
Chlorobenzene	70%	130%	70%	130%	
Benzene	70%	130%	70%	130%	
Toluene	70%	130%	70%	130%	
Ethylbenzene	70%	130%	70%	130%	

Semi-Volatile Organics by Method 8270C (includes PAHs)

surrogate spike % recovery	AQ Limits		Soil Limits		
	LCL	UCL	LCL	UCL	
Nitrobenzene-d_5	23%	120%	23%	120%	
Phenol-d_6	10%	120%	10%	120%	
2-Fluorophenol	21%	120%	25%	120%	
2-Fluorobiphenyl	43%	120%	30%	120%	
p-Terphenyl-d_{14}	33%	120%	18%	120%	
2,4,6-Tribromophenol	10%	120%	19%	120%	
matrix spike / matrix spike duplicate	**percent recovery**				**duplicate and/or MSD**
(MS/MSD) & lab control sample (LCS)	**AQ Limits**		**Soil Limits**		**AQ Limits Soil Limits**
	LCL	**UCL**	**LCL**	**UCL**	**RPD RPD**
1,2,4-Trichlorobenzene	39%	98%	38%	107%	all target compounds
Acenaphthene	46%	118%	31%	137%	40% 50%
2,4-Dinitrotoluene	24%	96%	28%	89%	
Pyrene	26%	127%	35%	142%	
N-Nitroso-di-n-propylamine	41%	116%	41%	126%	
1,4-Dichlorobenzene	36%	97%	28%	104%	
Pentachlorophenol	9%	103%	17%	109%	
Phenol	12%	110%	26%	90%	
2-Chlorophenol	27%	123%	25%	102%	
4-Chloro-3-methylphenol	23%	97%	26%	103%	
4-Nitrophenol	10%	80%	11%	114%	

attachment 1

Quality Control Acceptance Criteria

PCB/Pesticides by Method 8082/8081

surrogate spike % recovery	AQ Limits		Soil Limits	
	LCL	UCL	LCL	UCL
2,4,5,6-Tetrachloro-m-xylene	40%	120%	40%	120%
Decachlorobiphenyl	40%	120%	40%	120%

matrix spike / matrix spike duplicate (MS/MSD) & lab control sample (LCS)	percent recovery				duplicate and/or MSD	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
Lindane	56%	123%	46%	127%	all target compounds	
Heptachlor	40%	131%	35%	130%	30%	50%
Aldrin	40%	120%	34%	132%		
Dieldrin	52%	126%	31%	134%		
Endrin	56%	121%	42%	139%		
4,4'-DDT	38%	127%	23%	134%		
Aroclor 1242/1016	40%	140%	40%	140%		
Aroclor 1260	40%	140%	40%	140%		

Volatile Petroleum Hydrocarbons (VPH) by MA DEP 98-1

surrogate spike % recovery	AQ Limits		Soil Limits	
	LCL	UCL	LCL	UCL
2,5-Dibromotoluene	70%	130%	70%	130%

laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
all compounds	70%	130%	70%	130%	50%	50%

Extractable Petroleum Hydrocarbons (EPH) by MA DEP 98-1

surrogate spike % recovery	AQ Limits		Soil Limits	
	LCL	UCL	LCL	UCL
Chloro-octadecane	40%	140%	40%	140%
ortho-Terphenyl	40%	140%	40%	140%
2-Fluorobiphenyl (fractionation)	40%	140%	40%	140%
2-Bromonaphthalene (fractionation)	40%	140%	40%	140%

laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
all compounds	40%	140%	40%	140%	50%	50%

TPH (GC-FID) by Method 8100M

surrogate spike % recovery	AQ Limits		Soil Limits		duplicate	
	LCL	UCL	LCL	UCL	AQ Limits RPD	Soil Limits RPD
ortho-Terphenyl	40%	140%	40%	140%	40%	40%

TPH by Method 418.1

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
TPH	60%	140%	60%	140%	40%	40%

attachment 1

Quality Control Acceptance Criteria

Trace Metals by Method 6010B/7000 series

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
target analyte	75%	125%	70%	140%	20%	35%

Mercury by Method 7470A/7471A

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
mercury	70%	130%	60%	140%	35%	45%

Total Cyanide by Method 9010B

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
cyanide	80%	120%	65%	135%	30%	40%

Total Phenol by Method 9065

matrix spike (MS) & laboratory control sample (LCS)	percent recovery				duplicate	
	AQ Limits		Soil Limits		AQ Limits	Soil Limits
	LCL	UCL	LCL	UCL	RPD	RPD
phenol	70%	130%	65%	135%	20%	30%

ALPHA Analytical Laboratories, Inc.

Eight Walkup Drive Westborough, MA 01581

PH: 508.898.9220 FAX: 508.898.9193 www.alphalab.com

CHAIN OF CUSTODY

№ 4388

Sheet 1 of 1

ALPHA Job #: L0208816

Date Rec'd in Lab: 1/24

Date Due: 2/7

Client Name: American Ref-Fuel Co

Client Address: 600 Merchants Concourse Westbury NY 11590

Phone #: 516-683-5438 FAX #: 516-683-4113

Project Name: Hempstead Ash

Project Location: Westbury, NY

Project #:

Project Manager: Scott Wheeler

Report To: Scott Wheeler

Bill To: 600 Merchants Concourse Westbury NY 11590

PO#: 02200030

- [X] Standard TAT
- [ ] RUSH TAT____ (# DAYS)
- [X] FAX Results
- [ ] State Forms
- [ ] Smart Report

Comments (Please note specific method, detection limit or reporting requirements.)

- Crush samples prior to TCLP pre-test.
- Wait for ARC approval to proceed following fluid determination + again following TCLP extraction pH.

ALPHA Lab #	Sample ID	Matrix/Source *	Sampling Date	Sampling Time	Sampler's Initials	Solubles: Field Filtered? (Y/N)	TCLP Cadmium	TCLP Lead	Bulk analysis - RCRA 8
08816-1	H010702 AM	Ash	1/7	AM	RK	N/A	X	X	
-2	H010702 PM		1/7	PM			X	X	
-3	H010802 AM		1/8	AM			X	X	
-4	H010802 PM		1/8	PM			X	X	
-5	H010902 PM		1/9	PM			X	X	
-6	H011002 AM		1/10	AM			X	X	
-7	H011202 AM		1/12	AM			X	X	
-8	H011202 PM		1/12	PM			X	X	
-9	H010302 AM		1/13	AM			X	X	
-10	H011302 PM		1/13	PM			X	X	
-11	H0102 COMP		1/14	AM					X

# of Containers:	10	10	1
Container Type: *	P	P	P
Preservative: *	~~A~~	A	A

	Time	Date
Transfers Accepted By:	1-24	1/24/02 12:00
Transfers Relinquished By:		

All samples submitted are subject to Alpha's standard Terms and Conditions.

* See Reverse side for Matrix, Container, and Preservative Codes.

Form No.: 01-01

Please print or type with ELITE type *(12 characters per inch)* in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 9-30-88.
GSA No. 0246-EPA-OT

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

For Official Use Only

Comments: C C

Installation's EPA ID Number	Approved	Date Received (yr. mo. day)	
C F NYD980215511 T/A C 1		870127	Teresa 059

I. Name of Installation

HEMPSTEAD RESOURCE RECOVERY

II. Installation Mailing Address

Street or P.O. Box: C 3 600 AVENUE C @ STEWART AVE.

City or Town	State	ZIP Code
C 4 WESTBURY	NY	11590

III. Location of Installation

Street or Route Number: C 5 600 AVENUE C @ STEWART AVE.

City or Town	State	ZIP Code
C 6 WESTBURY	NY	11590

IV. Installation Contact

Name and Title *(last, first, and job title)*	Phone Number *(area code and number)*
C 2 KENNEDY THOMAS MGR	5162227930

V. Ownership

A. Name of Installation's Legal Owner	B. Type of Ownership *(enter code)*
C R SEE ATTACHED SHEET	P

VI. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to instructions.)*

A. Hazardous Waste Activity

- [X] 1a. Generator
- [ ] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer *(or On site Burner)* Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device *(enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)*

- [ ] A. Utility Boiler
- [ ] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation *(transporters only — enter 'X' in the appropriate box(es)*

- [ ] A. Air
- [ ] B. Rail
- [ ] C. Highway
- [ ] D. Water
- [ ] E. Other *(specify)*

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [X] A. First Notification
- [ ] B. Subsequent Notification *(complete item C)*

C. Installation's EPA ID Number

ID — For Official Use Only															
C														T/A	C
W															1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40* CFR *Parts 261.21 — 261.24)*

- [X] 1. Ignitable *(D001)*
- [X] 2. Corrosive *(D002)*
- [ ] 3. Reactive *(D003)*
- [ ] 4. Toxic *(D000)*

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title *(type or print)*	Date Signed
	Thomas J. Kennedy, Jr. Construction Manager	1/23/87

AMERICAN REF-FUEL

P.O. BOX 3151 · HOUSTON, TEXAS 77253 · 713/870-7819

EPA Form 8700-12 (REV. 11-85)

Part V. Ownership (cont'd)

American Ref-Fuel Company of Hempstead
14701 St. Mary's Lane
Houston, TX 77079-2909

FED X Change (Contact)

U.S. EPA AGENCY RO II

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028 Expires 9-30-96
GSA No. 0246-EPA-GT

Please refer to the *Instructions for Filling Notification* before completing this form. The information requested here is required by law (Section 3010 of the *Resource Conservation and Recovery Act*).

EPA Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received (For Official Use Only)

I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

- [X] A. First Notification
- [ ] B. Subsequent Notification (Complete item C)

C. Installation's EPA ID Number: NYD980215511

II. Name of Installation (Include company and specific site name)

AMERICAN REF-FUEL OF HEMPSTEAD

III. Location of Installation (Physical address not P.O. Box or Route Number)

Street: 600 Avenue C

Street (Continued):

City or Town: Westbury | State: NY | Zip Code: 11590-

County Code: | County Name: NASSAU COUNTY

IV. Installation Mailing Address (See Instructions)

Street or P.O. Box: SAME

City or Town: | State: | Zip Code: -

V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (Last): COOPER | (First): BRETT

Job Title: Environmental Eng. | Phone Number (Area Code and Number): 516-683-5400

VI. Installation Contact Address (See Instructions)

A. Contact Address Location: [X] Mailing: [ ] Other: [ ]

B. Street or P.O. Box:

City or Town: | State: | Zip Code: -

VII. Ownership (See Instructions)

A. Name of Installation's Legal Owner: AMERICAN REF-FUEL OF HEMPSTEAD

Street, P.O. Box, or Route Number: 600 Avenue C

City or Town: Westbury | State: NY | Zip Code: 11590-

Phone Number (Area Code and Number): 516-683-5400

B. Land Type: M

C. Owner Type: P

D. Change of Owner Indicator: Yes [ ] No [X]

(Date Changed) Month: Day: Year:

EPA Form 5700-12 (Rev. 11-30-93) Previous edition is obsolete.

Continued on Reverse

per 2:15 Brett 3/1/95 leave the name as is Change (Contact)

Call 1

SENT BY:LAUREL,MD (596) : 2- 7-95 : 4:36PM :LAIDLAW ENV SVCS INC- AMERICAN REF-FUEL:# 4/ 5

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028 Expires 9-30-96
GSA No. 0246-EPA-OT

ID - For Official Use Only

VIII. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes; Refer to instructions)*

A. Hazardous Waste Activity

1. Generator (See instructions)
   - ☐ a. Greater than 1000kg/mo (2,200 lbs.)
   - ☐ b. 100 to 1000 kg/mo (200-2,200 lbs.)
   - ☒ c. Less than 100 kg/mo (220 lbs)
2. Transporter (Indicate Mode in boxes 1-5 below)
   - ☐ a. For own waste only
   - ☐ b. For commercial purposes

Mode of Transportation
- ☐ 1. Air
- ☐ 2. Rail
- ☐ 3. Highway
- ☐ 4. Water
- ☐ 5. Other - specify

☐ 3. Treater, Storer, Disposer (at installation) Note: A permit is required for this activity; see instructions.

4. Hazardous Waste Fuel
   - ☐ a. Generator Marketing to Burner
   - ☐ b. Other Marketers
   - ☐ c. Boiler and/or Industrial Furnace
     - ☐ 1. Smelter Deferral
     - ☐ 2. Small Quantity Exemption

Indicate Type of Combustion Device(s)
- ☐ 1. Utility Boiler
- ☐ 2. Industrial Boiler
- ☐ 3. Industrial Furnace

☐ 5. Underground Injection Control

B. Used Oil Recycling Activities

1. Used Oil Fuel Marketer
   - ☐ a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
   - ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device(s)
   - ☐ a. Utility Boiler
   - ☐ b. Industrial Boiler
   - ☐ c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Activity(ies)
   - ☐ a. Transporter
   - ☐ b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
   - ☐ a. Process
   - ☐ b. Re-refine

IX. Description of Hazardous Wastes *(Use additional sheets if necessary)*

A. Characteristics of Nonlisted Hazardous Wastes. *(Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)*

1. Ignitable (D001)	2. Corrosive (D002)	3. Reactive (D003)	4. Toxicity Characteristic	(List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s))
☐	☐	☐	☒	D005

B. Listed Hazardous Wastes. *(See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)*

1	2	3	4	5	6
F002					
7	**8**	**9**	**10**	**11**	**12**

C. Other Wastes. *(State or other wastes requiring a handler to have an I.D. number; See instructions.)*

1	2	3	4	5	6

X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature	Name and Official Title *(Type or print)*	Date Signed
Brett A. Cooper	Brett Cooper - Environmental Engineer	February 8, 1995

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. *(See Section III of the booklet for addresses.)*

EPA Form 8700-12 (R)

ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY

03/06/95

This is to acknowledge that you have filed a **Notification of Hazardous Waste Activity** for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act *(RCRA)*. Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER ->	NYD980215511
FACILITY NAME ->	HEMPSTEAD RESOURCE RECOVERY
MAILING ADDRESS ->	600 AVE C WESTBURY, NY 11590
INSTALLATION ADDRESS ->	600 AVE C WESTBURY, NY 11590

EPA Form 8700-12AB (4-80)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
290 BROADWAY
NEW YORK, NEW YORK 10007-1866

ATTN: AIR & WASTE MANAGEMENT DIVISION, 22ND FL.
HAZARDOUS & SOLID WASTE PROGRAMS BRANCH
RCRA NOTIFICATIONS

TO : COOPER, BRETT
ENVIRON ENG
HEMPSTEAD RESOURCE RECOVERY
600 AVE C
WESTBURY, NY 11590